BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

34

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to :

Original / Duplicate
Item No.

Name of the Work : Construction 1st Floor Gymnasium and Library Building in Existing Community Centre at Singapura in Ward No. 11, Vidyaranyapura Sub Division.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	12.87	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T & P and scaffolding wherever necessary, sorting the dismantled materials, disposal of unserviceable material and stacking the serviceable material with all lifts and lead and lead of 10000 meters etc complete as per specifications and directions of engineer in charge of the work.	Cum	Rs.262.88	
2	75.12	Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with **20mm (M20)** and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for ground floor level for roof slabs, starecase, lintel, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, coping, bed struts, buttersses, string or lacing courses, parapets, coping, bed blocks, plain window cils, fillets etc., including cost of all materials, labour, HOM of machinery, curing, etc complete as per specifications and directions of engineer in charge of the work.	Cum	Rs.5,150.54	
3	17.28	Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with 12 mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor lever, including cost of all materials, labour, HOM of machinery, curing, etc complete as per specifications and directions of engineer in charge of the work.	Sqm	Rs.400.26	
4	303.08	Providing and construction precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S??:2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per etc complete as per specifications and directions of engineer in charge of the work.	Sqm	Rs.627.52	
5	78.91	Providing T.M.T Steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required , tying with binding wire and anchoring to the adjoining memebers wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.etc complete as per specifications and directions of engineer in charge of the work.	Qntl	Rs.5,730.36	
6	210.56	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work.	Sqm	Rs.181.05	

	Quantity.	Description	Unit	Rates	
				In Figures	In Words
7	344.39	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.etc complete as per specifications and directions of engineer in charge of the work.	Sqm	Rs.120.76	
8	207.36	Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per etc complete as per specifications and directions of engineer in charge of the work.	Sqm	Rs.139.28	
9	551.75	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. etc complete as per specifications and directions of engineer in charge of the work.	Sqm	Rs.16.96	
10	343.52	Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, " Providing and removing scaffolding, including cost of materials, labour, curing complete as per etc complete as per specifications and directions of engineer in charge of the work.	Sqm	Rs.131.40	
11	275.96	Flooring with 25mm to 40mm thick polished **shahabad slabs** using mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing etc complete as per specifications and directions of engineer in charge of the work.	Sqm	Rs.870.68	
12	246.81	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work.	Sqm	Rs.233.20	
13	117.60	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work.	Sqm	Rs.169.60	
14	93.60	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, piers, post and struts, circular or curved in plan including cost of all materials, labour etc complete as per specifications and directions of engineer in	Sqm	Rs.612.68	
15	6.30	Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & operations complete Including pulling hooks, 4nos handles wit hall fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery etc complete as per specifications and directions of engineer in charge of the work.	Sqm	Rs.2,839.74	

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
16	36.00	Supplying and fixing pressed steel window frame of size 100 x 50mm manufactured from 1.25 mm thick carbon steel or imported steel strips with neat mitred joints at 900 degree for window openings ans shall be suitabe to fix M.S.grills as per design and drawings using 12mm dia rods at 100mm centre to centre Horizontally and two members if M.S flats of 6mmx40mm size at 150mm apart welded into a frame of 6mmx40mm size M.S. flats with 16mm size lugs and 8 Nos of 100 mm size hings 4 Nos of Butt stay pins and 4 Nos Tower bolts and shutters half panelled and halg glazed with shultters amde out of seasoned honne wood styles of 30mm thick and 100mm width and rails of 30mm thik and 100mm width and using 4mm thick pin headed glass and panel with 12mm thick with 12mm thick particle board of exterior grade bonded with phenol formaldehyde resin and the shutter shall be rot proof vermin proff, heat resistant guaranteed aganist shrinkage, warpage and such other defects for periof of 3 years this shall be as per approved drawing specification and direction including cost of converyance, amnufacturing painting with 2 coats enamel paint over one coat of primer cost oflavour for all items of work	Sqm	Rs.3,551.00	
17	551.75	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foregin matter including preparing the surface even and sand paper smooth, cost of materials, labours, complete as per specificationsetc complete as per specifications and directions of engineer in charge of the work.	Sqm	Rs.51.94	
18	344.39	Providing and finishing external walls in tow coats with water proof cement paint of approve brand and shade to give an even shade after thourghly brooming the surface to remove all dirt and losse powdered material, free from mortar dops and other foreign matter cost of materials, labours, complete as per specification setc complete as per specifications and directions of engineer in charge of the work.	Cum	Rs.63.60	
19	30	Providing and fixing in wall surface 2.5 kg/sq.cm H.D.P.E. rain down water pipes 90 mm outer dia approved make and brand with necessary specials like shoes bends and offsets fixed with iron clamps, walls plugs, screws, including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work.	m	Rs.421.18	
20		Point wiring using copper wire with switch: Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using **Copper** PVC insulated multi strand 2x1.5sqmm copper wire with a 6 Amps flush type SP Control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. Complete for each outlet.			
		II Point wiring using class B Materials			
		a) Short point upto 3Mtr from tapping point			
	10.00	to out let via switch	Each	Rs.140.00	
		b) Medium point above 3Mtr upto 6Mtr from			
	8	Tapping point to out let via switch	Each	Rs.141.00	
	15	c) Long point above 6Mtr upto 10Mtr from	Each	325.00	
	10	Tapping point to out let via switch	Each	325.00	
21		Point wiring using copper wire without switch: Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using **Copper** PVC insulated multi strand 2x1.5sqmm copper wire **without switch,** the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. Complete for each outlet.	Each		
		II Point wiring using class B Materials			

No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
	4.00	c) Long point above 6Mtr upto 10Mtr from		110.00	
		Tapping point to out let via switch box			
22		Supply and fixing of backlite D.P/Socket/switch with/without neon indicator over existing wood board or flush mounting in plastic plates/nitches.	Each		
		II Using Group 'B' Material.			
	5000.00	a) 32Amps Flush/project type DP switch		0.20	
23	2.00	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or metal box using N.F.Screws.	SqCm	2550.00	
24	10	Supplying of 1440 rpm heavy duty exhaust fan with bracket blades suitable for operate on 230 V 50 Hz, AC Supply complete. 1 12" Sweep (300 mm) a) Group 'A'	Each	320.00	
25		Supply patty type fluorescent tube light fitting of **4'-36/40** watts fluorescent tube fitting, made out of M.S sheet and stove enameled with low loss open construction copper wound ferromagnetic ballast, starter, locking type brass contact holders mounted on double fold type sheet base fully wired for use on230 Volts A C Supply including 1No 4'-36/40 Watts fluorescent tube.	Each		
	5.00	a) Group 'B'		1950.00	
26	5	Supplying capacitor type ceiling fan complete with dawn rod blades, shackle, canopies etc., for operation on 230 Volts, 50 Cycles, Single Phase AC Supply conforming to ISS-374-1979 and with double ball bearing system.II 56" Sweep (1400mm) a) Regular model (Khaitan, Crompton Greaves, Orient, Polar, Bajaj, Usha, Havells, Almonard)	Each	600.00	
27		Supplying and fixing of modular switch/Scocket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate.e) 600 Watts Dimmer	Each		
28		Supplying and flush mounting teak wooden box without front plank made of not less than 12 mm thick wood, after due groove cutting necessary masony patch work complete. (ch-01) (P.03) (S.I No - 06)			
	4	a) 12x"12x"3" (300x300x76mm)	Each	90.00	
	8	b) 10"x7"3"(254x178"x76mm)	Each	60.00	
29	1	Supplying, fixing wiring earth electrode for gounding conduits, I.C.Cutouts and other equipments on the meter board using 40mm dia 2.90 thick GI 2.5 mtr long buried in a pit... the pit should be filled with equal proportion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as oer ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 122 mm dia.	Each	1500.00	
30	1	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete.THREE POLE A) 100 Amps 25 kA,	Each	3900.00	
31	1	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete.a) 16 Amps	Each	50.00	
32	8	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required. A) 5-32 Amps SP 1) Group 'A'	Each	200.00	
33	50.00	Supplying and fixing of PVC casing and capping on the wall or celiling using necessary materials like bends, screws at an interval of 300mm... etc as required b) 25mm	Mtr	39.00	

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
34	8	Supplying and fixing of modular switch/Scocket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate. g) 16 Amps one way switch	Each	130.00	
	8	j) 6/16 Amps Universal socket	Each	190.00	
35	12	Supplying and surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates. The box should be firmly/surface/flush mounted after due groove cutting in Brick/C.C wall, fixing including necessary rawl plugs, Machine/ NF screwes etc., complete a) 1-3Way	Each	65.00	

S.M. Vaidya

Signture of the Contractor

Executive Engineer
Byatarayanapura Division
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"DTS Approved"

27/3/12

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